

Human Immunodeficiency Virus (HIV) Episode

Executive Summary

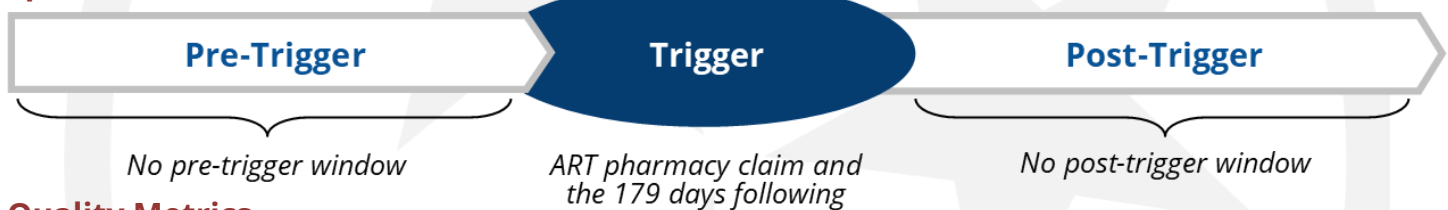
Episode Design

- **Trigger:** anti-retroviral therapy (ART) pharmacy claim
- **Quarterback type:** professional (provider with the plurality of visits)
- **Care included:** specific relevant HIV-related care, including testing, medications, and surgical and medical procedures

Sources of Value

- Timely linkage to HIV care
- Selection of appropriate ART regimen
- Improved adherence to ART
- Appropriate use of multi-disciplinary care, including nutritional support and behavioral health
- Reduction in viral load
- Reduction in transmission of HIV (indirect)
- Appropriate testing and screening
- Appropriate use of prophylaxis
- Prevention / delay in HIV complications
- Appropriate treatment of HIV complications
- Appropriate access and setting of care
- Appropriate management of related comorbidities

Episode Duration



Quality Metrics

Tied to Gain-Sharing

[This section is not applicable to this episode.]

Informational Only

- Periodic ART refill
- Viral status reporting
- Infrequent ART refill
- New patients
- Viral suppression
- Preferred drug use
- Hospitalization
- ED visit
- Screening for sexually transmitted infections (STIs)
- Screening for hepatitis C

Making Fair Comparisons

Exclusions

- Business exclusions: inconsistent enrollment, third-party liability, dual eligibility, FQHC/RHC, no PAP ID, incomplete episodes, overlapping episodes
- Clinical exclusions: different care pathway (e.g., cardiac arrest, cystic fibrosis, multiple sclerosis, spinal cord injury, DCS custody)
- Patient exclusions: age (less than 1 or greater than 64 years old), death, left against medical advice
- High-cost outlier: episodes with risk-adjusted spend greater than three standard deviations above the average risk-adjusted episode spend for valid episodes are excluded.

Risk adjustment is used to ensure appropriate comparisons between patients.

To learn more about the episode's design, please reference the Detailed Business Requirements (DBR) and Configuration File on our website at <https://www.tn.gov/tenncare/health-care-innovation/episodes-of-care/searchable-episodes-table.html>.